

# Application for FIRST Robotics Team 456

FIRST Robotics Team 456, Siege Robotics, provides students the opportunity to engage in engineering, science, technology, and business skills in a high-energy environment. Siege Robotics motivates students from all walks of life to develop skills through participating in a real life, hands-on experience. Siege Robotics has competed in FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition (FRC) for 16 years. FRC exposes students to engineering, fabrication, programming, web design, photography, presentations, writing, business processes, and much more. Studies have shown that participants in FRC are:

- Three times more likely to major in engineering.
- Ten times more likely to have had an internship or co-op in their Freshman year of college.
- More than twice as likely to pursue a career in science or technology
- More than twice as likely to volunteer in their communities.

Siege Robotics depends on funding provided by sponsors and students to cover the team expenses such as travel costs, registration fees, and building components. We expect to cover most of the costs through grants and fundraising activities to minimize the amount paid by the students. Each student will be assessed an activity fee and an additional travel cost for EACH trip THEY participate in during the year. Additional travel costs will be determined based on the location of the events we attend. We plan on attending 2 regional competitions again this year and the championship event in St. Louis if we qualify.

**The activity fee of \$250 is fixed and due by 31 December 2016. Additional travel costs will be determined based on grants awarded, fundraising, and actual travel costs.**

All applications will be reviewed for missing or inaccurate information and a review of the student's academic records will be conducted by the schools. Applications with missing or inaccurate information, students with a most recent GPA of less than 2.5, excessive absences, or disciplinary issues deemed to be unbecoming of FIRST, ERDC, Team 456, and its other sponsors and supporters will be excluded from eligibility. The remaining applications will be reviewed by a selection committee made up of adult team mentors. The review process will consider the content of the application as well as letters of recommendation provided. Based on this review, the best applicants will be scheduled for an interview.

The team will be limited to approximately 35 students, hard decisions will have to be made and ultimately not everyone that applies will be accepted. **Each student is required to complete an application, including returning members. Being a member of the previous year's team is no guarantee of a place on this year's team.**

A completed application packet includes several elements:

- Student Application Form (*Required*)
- Letters of Recommendation (*1 Required, 2 Preferred*)
- School Transcript or Most Recent Report Card (*Required*)
- Resume (*Optional*)

Completed applications may be submitted electronically (preferred) or in hard copy. If possible, all parts of the application should be submitted together. An electronic application can be downloaded from [www.siegerobotics.org](http://www.siegerobotics.org).

Questions about the application and admissions process may be directed to [Info@456Robotics.org](mailto:Info@456Robotics.org).

**Submission methods: (Any other delivery method will not be accepted.)**

1. Complete online application
2. E-mail a PDF file to [Applications@456Robotics.org](mailto:Applications@456Robotics.org)
3. Hard copy submissions to:  
456 Robotics Applications  
P.O. Box 821792  
Vicksburg, MS 39182
4. Hand delivered to a Lead Team Mentor (Chuck Dickerson, Eddie Melton, or Ginny Dickerson).

**FIRST Robotics Team 456**  
**Siege Robotics**  
**Student Application Form**

Student's Information

Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Gender: Male / Female U.S. Citizen: Yes / No

Where do you attend school?: \_\_\_\_\_

Grade Level:      \_\_\_ Freshman      \_\_\_ Sophomore      \_\_\_ Junior      \_\_\_ Senior

Contact Information

Home Address: \_\_\_\_\_

\_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Text OK? Yes / No

Email(s): \_\_\_\_\_

Other Contact Info (FaceBook, etc.): \_\_\_\_\_

\_\_\_\_\_

Parent or Guardian's Information

Name(s): \_\_\_\_\_

Home Number(s): \_\_\_\_\_

Cell Number(s): \_\_\_\_\_

Work Number(s): \_\_\_\_\_

Employer(s) \_\_\_\_\_

Email(s): \_\_\_\_\_

\_\_\_\_\_

Please check all of your Interests, Skills, Hobbies, and Experience:

- |  |   |                                       |
|--|---|---------------------------------------|
| <input type="radio"/> Acting/Theatre     | <input type="radio"/> Musical Instrument(s) | <input type="radio"/> Sports          |
| <input type="radio"/> Comp. Programming  | <input type="radio"/> Photography           | <input type="radio"/> Woodworking     |
| <input type="radio"/> Cooking            | <input type="radio"/> Power Tools           | <input type="radio"/> Video Games     |
| <input type="radio"/> Crafts             | <input type="radio"/> Reading Books         | <input type="radio"/> Web Development |
| <input type="radio"/> Electronics        | <input type="radio"/> Restoring Vehicles    | <input type="radio"/> Other _____     |
| <input type="radio"/> Graphic Art/Design | <input type="radio"/> Science Fair          | <input type="radio"/> Other _____     |
| <input type="radio"/> Metalworking       | <input type="radio"/> Scouts (Boy/Girl)     | <input type="radio"/> Other _____     |

Please check all of the after-school activities you are involved in during this year:

- |                                     |   |                                       |
|-------------------------------------|---|---------------------------------------|
| <input type="radio"/> Baseball      | <input type="radio"/> Indoor Percussion | <input type="radio"/> Swimming        |
| <input type="radio"/> Basketball    | <input type="radio"/> Madrigals         | <input type="radio"/> Total Sound     |
| <input type="radio"/> Cheerleading  | <input type="radio"/> Marching Band     | <input type="radio"/> Track and Field |
| <input type="radio"/> Choir         | <input type="radio"/> Musical           | <input type="radio"/> Volleyball      |
| <input type="radio"/> Color Guard   | <input type="radio"/> Orchestra         | <input type="radio"/> Winter Guard    |
| <input type="radio"/> Concert Band  | <input type="radio"/> Quiz Bowl         | <input type="radio"/> Other _____     |
| <input type="radio"/> Cross-Country | <input type="radio"/> ROTC              | <input type="radio"/> Other _____     |
| <input type="radio"/> Football      | <input type="radio"/> Science Olympiad  | <input type="radio"/> Other _____     |
| <input type="radio"/> Golf          | <input type="radio"/> Soccer            | <input type="radio"/> Other _____     |

Have you had or do you have any siblings on Team 456?    Yes / No

Have you been involved in any FIRST or other competitive robotics teams?    Yes / No

If so, what team(s) \_\_\_\_\_

What sort of career would you like to pursue? \_\_\_\_\_

\_\_\_\_\_

Additional comments that you would like us to consider? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_